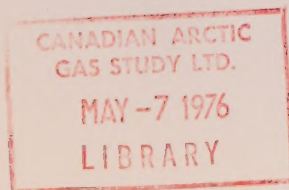


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LIST OF GOVERNMENT REPORTS AND STUDIES
RELATED TO MATTERS BEFORE THE MACKENZIE VALLEY PIPELINE INQUIRY

SUPPLEMENT II

FEBRUARY 1976



FOREWORD

This list of reports and studies prepared by or on behalf of the Government of Canada is an addendum to an initial list dated January 1975 and its supplement dated March 1975. The lists identify reports and studies directly or indirectly related to the subject matter of the Mackenzie Valley Pipeline Inquiry as expressed in Order-in-Council PC 1974-641 dated March 21, 1974. In addition to this list a comprehensive listing of reports, studies and papers, as compiled by the National Research Council, has been submitted to the Commissioner of the Mackenzie Valley Pipeline Inquiry, independent of this report.

This list has been compiled from information provided by the responsible departments and agencies. While an effort has been made to provide a complete list of relevant reports and studies, some omissions may inadvertently have occurred. The listing of the Environmental-Social Program is comprehensive; some duplication may therefore be noted.

Requests for provision of the reports and studies listed will be treated on an individual basis. In some cases, where the material is out of print, or too bulky for economical reproduction, it will be available in departments for inspection. Some material may be denied on grounds of confidentiality.

Inquiries may be directed to:

Assistant Deputy Minister,
Northern Affairs Program,
Department of Indian Affairs and
Northern Development,
400 Laurier Avenue West,
Ottawa, Ontario K1A 0H4

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MACKENZIE HIGHWAY PROJECT

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| D.P.W. - Ottawa | - Lynn Creek Bridge M713.4 Phase 1 report (March 1975) |
| | - Loon River bridge M742.2 Phase 1 report (June 1975) |
| McBride, Ragan, Sorensen Ltd. | - Preliminary report Phase 1A Bridges M630-M660 Mackenzie Highway |
| D.P.W. | - Hydraulogy study of bridge crossing M550-M715 Mackenzie Highway |
| Unies Ltd. | - Fort Liard highway stream crossings M130-B.C. border and Fort Liard branch route. May 1975 |

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| D.P.W. - Edmonton | - Preliminary environmental Assessment Inuvik-Tuktoyaktuk Highway (August 1975) |
| Schultz Int'l Ltd. | - 1973b. Environmental evaluation of borrow sites, culverts and development sites on the Dempster Highway, Miles 290-344. D.P.W., Edmonton |
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- Miles 971 to 1049 - Alignment review M970.95 to M1060.6 (April 1975)
- Inuvik to Tuktoyaktuk highway Alignment update report. December 1975

Design Submissions - Final

- M586-M628.5 (May 13, 1975)
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Design Submissions - Amended Final

- M546.3-M582 (July 11, 1975)

Responses to M.H.E.W.G. to D.P.W. Design Submissions

- M495-M546.3 - amended final design submission approved (February 27, 1975)

Environmental Working Group

- U.S. Fish & Wildlife Service - Swimming performance of Arctic grayling in highway culverts (Progress report January 30, 1975)
- Craig MacPhee
Fred J. Watts
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- Lilley J. DOE - Preliminary investigation of potential sites for monitoring the impact of Mackenzie Highway construction on aquatic resources (February 1975)
- Fisheries & Marine Service

- Fyfe, R.W. & J.B. Kemper - Highway reptor interaction for the Mackenzie Highway (June 1974)
- Canadian Wildlife Service - Peregrine falcon surveys of areas of conflict on the Mackenzie Highway alignment (March 1975)
- Jasper, J.N. Inland Waters Directorate - Hydrologic studies at culvert sites on the Mackenzie Highway (Progress report December 1974)

Geotechnical Reports

- Cook, R.D. - Report on geotechnical investigation Mackenzie highway M725-936
- Volume I Geotechnical Analysis
- Volume II Borehole logs & airphoto
Mosaics M732-M747
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- Volume IV Borehole logs & Airphoto
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- Volume V Borehole logs & airphoto
mosaics M800-M835
- Volume VI Borehole logs & airphoto
mosaics M835-M863
- Volume VIII Borehole logs & airphoto
mosaics M896-M936
- Volume IX Foundation investigation
Hare Indian River Crossing
M728.7
- Volume X Foundation investigation
Thunder River Crossing
M844.0
- Volume XI Foundation investigation
Tieda River Crossing
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M868.9

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- G.S.C. - Addendum (Oct. 1972)

ARCTIC LAND USE RESEARCH PROGRAM

- ALUR 74-75-04 Physical Environmental Studies at Watson
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- L.M. Lavkulich
Department of Soil Science
University of British Columbia.
J.M. Murray
J.S. Rowe
Division of Hydrology
University of Saskatchewan.
J.P. Verschuren
Department of Civil Engineering
University of Alberta.
Edited by:
R.M. Strang
- ALUR 74-75-34 Toxicity Studies of Chemicals Associated
with Northern Mining Operations
- G. Leduc
Department of Biological Sciences
Sir George Williams University.
- ALUR 74-75-35 Control of Arsenic Levels in Gold Mine
Waste Waters
- Y. Bérubé
D. Laguitton
L.M. de Smecht
Université Laval.
- ALUR 74-75-37 Leachability of Anvil Ore, Waste Rock and
Tailings
- D.W. Duncan
Division of Applied Biology
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J.S. Rowe
D. Spittlehouse
E. Johnson
M. Jasieniuk
Department of Plant Ecology
University of Saskatchewan.

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Environment

M.W. Smith
Department of Geography
Carleton University.

ALUR 74-75-73 Plant and Soil Responses to Environmental
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Edited by L.C. Bliss
Department of Biology
University of Alberta.

LAND USE INFORMATION MAPS

75 C	Hill Island Lake
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75 E	Taltson Lake
75 F	Nonacho Lake
75 K	Fort Reliance
75 L	Snowdrift
75 M	Mackay Lake
75 N	Walmsley Lake
85 A	Little Buffalo River
85 B	Buffalo Lake
85 G	Sulphur Bay
85 H	Fort Resolution
85 I	Hearne Lake
85 J	Yellowknife
85 K	Rae
85 L	Willow Lake
85 M	Lac La Martre
85 N	Marian River
85 O	Wecho River
85 P	Carp Lakes
86 C	Hardisty Lake
86 D	Rivière Grandin
86 E	Leith Peninsula
86 F	Calder River

Note: Maps are available from:

Map Distribution Office,
Surveys and Mapping Branch,
Department of Energy, Mines and Resources,
615 Booth Street,
Ottawa, Ontario
K1A 0E9

DEPARTMENT OF ENVIRONMENT

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- #8 - Anadromous and Freshwater Fish of the Outer Mackenzie Delta
- #9 - Nitrogen Fixation in Arctic Marine Sediments
- #11 - Effects of Crude Oils on Arctic Marine Invertebrates
- #12a - Biological Productivity of the Southern Beaufort Sea: The Physical-Chemical Environment and the Plankton
- #15 - Mackenzie River Input to the Beaufort Sea
- #16 - Near Bottom Currents and Offshore Tides
- #19 - Storm Surges in the Southern Beaufort Sea
- #20 - A Real-Time Environmental Prediction System
- #33 - Hydrodynamics of a Sea Bottom Oilwell Blowout
- #35 - Oil, Ice and Climate in the Beaufort Sea
- #36 - Sea Ice Morphology in the Beaufort Sea
- #37 - Movement and Deformation of the Landfast Ice of the Southern Beaufort Sea
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